DECLARATI		Attorney Docket Number MS0013YP :									
POWER OF AT FOR UTILITY O		First Named Inventor	Nicholas David Peter Cosford, et a	1.							
PATENT APPL	ICATION	CC	MPLETE IF KNOWN								
(37 CFR 1.	.63)	Application Number									
Declaration Submitted	Declaration Submitted after Initial	Filing Date									
with Initial OR Filing	Filing (surcharge (37 CFR 1.16 (e))	Group Art Unit									
	required)	Examiner Name									
A l. l	. The sheet of the sheet										
As a below named inventor	•										
My residence, post office ad	ame.										
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:											
ALKYNE DERIVATIVES A	RECEPTOR BINDING										
the specification of which		(Title of the Invention)	/								
bears the Attorney Doc											
OR			•								
is attached hereto OR	•										
was filed on (MM/DD/	YYYY) 10/24/2003	as United States App	olication Number or PCT Internation	nal							
Application Number PCT/	JS03/33613 and w	vas amended on (MM/DD/YYY	Y) (if app	licable).							
I hereby state that I have revi	iewed and understand th	ne contents of the above identifi	ed specification, including the clair								
amended by any amendment	specifically referred to	above.									
as defined in 37 CFR 1.56, in	acluding for continuatio	n-in-part applications, material	on known to me to be material to pr information which became availabl ate of the continuation-in-part appli	e between							
Thereby claim foreign priority	y benefits under 35 U.S.	.C. 119(a)-(d) or (f) or 365(b) o	f any foreign application(s) for pate	nt or inventor's							
certificate(s), or 365(a) of any	PCT international appl	lication which designated at lea	st one country other than the United	States of							
or of any PCT international ap	ve also idendined below pplication having a filin	, by enecking the box, any tore g date before that of the applica	gn application for patent or invento tion on which priority is claimed.	r's certificate(s),							
Prior Foreign Application		Foreign Filing Date		Priority Claimed?							
Num ber(s)	Country	(MM/DD/YYYY)	Attorney Docket Number	YES NO							
				<u> </u>							
Additional foreign applica	tion numbers are listed on	a supplemental priority data sheet	PTO/SB/02B attached hereto.								
I hereby claim the benefit under	35 U.S.C. 119(e) of any U	Inited States provisional application	n(s) listed below.								
Application Num	ıber(s)	Filing Date (MIM/DD/YYYY)	Attorney Docket N	umber							
60/420,809		/24/2002	MS0013PV								
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[Page 1 of 5]

DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

designating is not disclo 35 U.S.C. 1	the Uni sed in tl 12, I acl Swhich	ted States of he prior Unit knowledge th n became ava	America, ed States ie duty to	listed or PC disclo	belov T inter se infe	v and, ins mational ormation	ofar app kno	as the s lication i	ubj in tl	ect matter he manner be mater	of each of provided ial to pate	of the of I by the entabil	claims o c first p ity as de	national application of this application aragraph of efined in nternational filing
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As a named in following regi connected the	istered p	ractitioner(s) t	o prosecut Customer OR	e this a	pplicati er	ion and to	tran	sact all b	usin	or agent(s) ess in the U	Inited Stat	ower o	f substitu nt and Ti	ation and revocation, the rademark Office
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David Rubin		· · · · · · · · · · · · · · · · · · ·		45,570		. Del		David L	. R	ose				Num ber 26,332
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Nam e	David 1	Rubin		-										
Address	Merck	& Co., Inc	Patent D	epartn	nent					-				
Address	P.O. B	ox 2000, RY	760-30											
City	Rahwa	у					Si	tate	NJ		ZIP		07065-	0907
Country	USA				Telej	phone (732)594-26	75		Fax		(732)59	94-4720
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Name of Sole o	or First	Inventor:				- 12 1 2		A pe	titic	on has bee	n filed fo	r this	unsigne	d inventor
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Matthew P Inventor's	-1		_			_		Braun						
Signature											Date			
Residence: City	Scot	ch Plains		s	tate	ਮਾ		Coun	try	US-		Citiz	enship	TUS -
Post Office Address		Merek & Co	o., Inc., P	.O. B	ox 200	0								
City		Rahway						State		נא	ZIP		0706:	5-0907
X Additional	invento	rs are being na	amed on th	e <u>3.4</u>	_ suppl	emental A	.ddit	onal Inv	ento	rs(s) sheet(s) PTO/SB	/02A :	ttach ed l	nereto.
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[Page 2 of 5]

ADDITIONAL INVENTOR(S) Supplemental Sheet

	Name of Additional Joint Inventor, if any: Given Name (first and middle [if any])							been filed	for this unsigne	ed inventor
Give	n N	ame (first and middle [i	f any])					Family N	ame or Surna	me
Nicholas David P	eter	1 / 1'	, .		Cos	foyd				
Inventor's Signature	1	Timbes David	Re	ser (1	w		Date	15-Jan	1-2004
Residence: City	San	Diego	State	CA	C	ountry	US		Citizenship	
Post Office Address		Merck & Co., Inc., P.O.	Box 200	00						
City		Rahway			State	NJ		ZIP	07065-090	7
Name of Addition			A petit	ion has l	een filed i	or this unsigne	d inventor			
Give					Family N	ame or Surna	me			
Steven Patrick		Govek								
Inventor's Signature	SAN.					Date	15-	Jan - 2004		
Residence: City	CA	C	ountry	us	-	Citizenship	us			
Post Office Address		Merck & Co., Inc., P.O.	Box 200	00	,					
City		Rahway			State	NJ		ZIP	07065-0901	7
		oint Inventor, if any:				A petit			or this unsigne	
	n Na	me (first and middle [if	any])			_	I	amily Na	me or Surnar	ne
Terence Gerard	,				Ham	ill				
Inventor's Signature	10	erend fe	sar	1 H	zm	ul		Date	A ?	an04
Residence: City	Lan	sdale	State	PA	Co	untry	US		Citizenship	us
Post Office Address		Merck & Co., Inc., P.O.	Box 200	0						
City		Rahway			State	NJ		ZIP	07065-0907	7
Name of Addition	ıal J	oint Inventor, if any:				A petiti	on has b	een filed fe	or this unsigned	inventor
Give	n Na	me (first and middle [if	any])				F	amily Na	me or Surnan	ne
Theodore					Kam	enecka				
Inventor's Jel Camene I								Date	Jan 19	5,2004
Residence: San Diego State CA						untry	us		Citizenship	
Post Office Address Merck & Co., Inc., P.O. Box 2000										
City Rahway						ИJ		ZIP	07065-0907	

[Page 3 of 5]

ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Addition	nal J	oint Inventor, if any:				A	petiti	ion has l	ocen filed	for this unsign	ed inventor	
Give	n Na	me (first and middle fi	fany])						Family N	ame or Surna	ame	
Thomas Jonathan	,	Na.		7		Seider	5					
Inventor's — Signature		Mos							Date	15-J	an-2004	
Residence: City	San	Diffs.	State	CA		Cou	ntry	us		Citizenship	1	
Post Office Address		Merck & Co., Inc., P.O.	Box 200	0	-r							
City		Rahway			St	ate	ци		ZIP	07065-090)7	
		oint Inventor, if any:		A petition has been filed for this unsigned inventor							ed inventor	
Give	n Na	me (first and middle [i	fany])		\perp]	Family N	ame or Surna	me	
Jeffrey Roger					F	Soppe						
Inventor's Signature	(2002-	•	Dat					Date	15-JAA	4-2004	
Residence: City	ence: Temecula State CA							us		Citizenship	ŀ	
Post Office Address		Merck & Co., Inc., P.O.	Box 200	0			, . <u></u>	-	_			
City		Rahway	•		St	ate	ЦИ		ZIP	07065-090	7	
		oint Inventor, if any:				A	petitio			or this unsigne		
	n Na	me (first and middle [if	[any])		+			F	amily Na	me or Surna	me	
Celine						Bonn	efou	s				
Inventor's Signature									Date			
Residence: City	Sar	n Diego	State	CA		Cou	ıtry	US		Citizenship	FR	
Post Office Address		Merck & Co., Inc.	., MRL	SDB1, 3	535	Gen	eral	. Atom	ics Cou	rt		
City		San Diego			Sta	ite	CA		ZIP	92121		
· 		oint Inventor, if any:] A	petitio	n has b	en filed f	or this unsigne	d inventor	
Giver	ı Na	me (first and middle [if	any])		+			F	amily Na	me or Surna	me	
Donald					B	ums				-		
Inventor's Signature		T.						Date				
Residence: City	Harleysville State PA						Country US Citizenship US					
Post Office Address		Merck Research La	borato	ories. S	Sum	nevt	own.	Pike.	P.O. Bo	ox 4		
West Point						State PA ZIP 19486						

[Page 4 of 5]

ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Addition												
Name of Addition	n al J	Joint Inventor, if any:			A	petiti	on has b	een filed f	or this unsigno	d inventor		
Give	n N	ame (first and middle [i	fany])					amily N	ame or Surna	me		
Matthew P.					Braun							
Inventor's Signature	A	Mutt 13.	n	·				Date	03-Feb	5-20VY		
Residence: City	Sco	tch Plains	State	и	Cou	ntry	us		Citizenship	us		
Post Office Address		Merck & Co., Inc., P.O.	Box 200	00								
City		Rahway			State	NJ		ZIP	07065-090	7		
Name of Addition	nal J	oint Inventor, if any:			A	petitio	on has b	een filed f	or this unsigne	d inventor		
Give	n Na	ame (first and middle [i	fany])				F	amily Na	me or Surna	ne		
Dennis C.	,			<u> </u>	Dean							
Inventor's Signature								Date	2/0	3/04		
Residence: City	[Crantord State N1						us		Citizenship	us		
Post Office Address		Merck & Co., Inc., P.O.	Box 200	0								
City		Rahway			State NJ ZIP 07065-0907					7		
Name of Addition	ıal J	oint Inventor, if any:			A	petitio	n has be	en filed fo	or this unsigne	d inventor		
Give	n Na	ame (first and middle [it	any])				F	amily Na	me or Surnar	ne		
Joseph Paul					Simeone							
Inventor's Signature		3	·					Date	2/3/	04		
Residence:												
City	Han	rington Park	State	NJ	Cou	ntry	US		Citizenship	· · · · · · · · · · · · · · · · · · ·		
City Post Office Address	Нап	rington Park Merck & Co., Inc., P.O.	L	<u> </u>	Cou	ntry	US			· · · · · · · · · · · · · · · · · · ·		
Post Office	Нап	1	L	0	Cou State	ntry		ZIP		us		
Post Office Address City		Merek & Co., Inc., P.O.	L	0	State	NJ			Citizenship	US		
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Post Office Address City	ıal J	Merck & Co., Inc., P.O. Rahway oint Inventor, if any:	Box 200	0	State	NJ	n has be	en filed fo	O7065-0907	US 7		
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[Page 5 of 5]



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MS0013Y Attorney Docket Number **DECLARATION AND** POWER OF ATTORNEY Nicholas David Peter Cosford, et al. First Named Inventor FOR UTILITY OR DESIGN COMPLETE IF KNOWN PATENT APPLICATION (37 CFR 1.63) Application Number Filing Date Declaration Declaration Submitted Submitted after Initial Filing (surcharge with Initial OR Group Art Unit

	Filing	(37 CFR 1.16 (e))											
		required)	Exan	niner Name									
	As a below named inventor,	, I hereby declare the	at:										
	My residence, mailing addres	ss, and citizenship are	as state	ed below next to my name	e								
	I believe I am the original, fir names are listed below) of the							ural					
	ALKYNE DERIVA	ATIVES AS TRACE	RS FO	R METABOTROPIC (GLUTAMA'	TE RECEPTOR BI	NDING						
-	the specification of which	•	(Tille of the Invention)			•						
	bears the Attorney Dock	ket Number and Title	of the I	nvention noted above									
	OR is attached hereto												
	OR was filed on (MM/DD/YYYY) 10/24/2003 as United States Application Number or PCT International												
	Application Number PCT/L	US03/33613 and v	was am	ended on (MM/DD/YYY	Y) [(if a	pplicable).						
	I hereby state that I have revie amended by any amendment				ied specifica	tion, including the cl	aims, as						
	I acknowledge the duty to dis-	sclose to the Patent and	d Trade	mark Office all informati	ion known to	me to be material to	patentabil	ity					
	as defined in 37 CFR 1.56, inche filing date of the prior app							en					
	I hereby claim foreign priority												
	certificate(s), or 365(a) of any America, listed below and have												
	or of any PCT international ap												
	Prior Foreign Application Number(s)	Country		Foreign Filing Date (MM/DD/YYYY)	1	rney Docket Number	Priority YES	Claimed? NO					
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	I hereby claim the benefit under 3	35 U.S.C. 119(e) of any U	United S		(s) listed below	w.							
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DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

designating is not disclo 35 U.S.C. 1 37 CFR 1.50 date of this	aim the benefit under the United States of the United States of the prior United Italian acknowledge to which became avapplication.	of America, I nited States o the duty to d vailable betw	listed belo or PCT int disclose in ween the f	ow and, in ternational nformation	nsofar al appl on kno	or as the plication own to he prior	e subject on in the ome to be or applica	et matte manne ne mate ation a	er of each er provide erial to pat	of the ed by thatentabi	claims o the first p oility as de	of this a paragrap lefined i	application ph of in
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As a named in following reg connected the	inventor, I hereby appogistered practitioner(s) erewith:) to prosecute t Practitioners OR	this applica	eation and to	o trans Custo	nsact all l	business	s in the l) with full p United State	ites Pate	f substitut nt and Tra	tion and ademark	revocation, the : Office
Registered practitioner(s) named below Registration Number Name Registration Number Number													
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Direct all co	orrespondence to: X	X Custome	er Number	r 000	021	.0							
Name	David Rubin												
Address	Merck & Co., Inc.	- Patent Dep	partment										
Address	P.O. Box 2000, R	.Y60-30											
City	Rahway				Str	tate	NJ		ZIP		07065-0	1907	
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	or First Inventor:						etition h	nas bee	en filed for	or this 1	unsigned	invent	.or
	ven Name (first ar	nd middle [[if any])		7			F	amily Na	ime or	r Surnar	me	
Nicholas David Inventor's	Peter					Cosford	<u> </u>		r				
Signature]	Date		_		
Residence: City	San Diego		State	CA		Cour	ntry US	3		Citiz	enship	UK_	
Mailing Address	Merck & C	Co., Inc., MR	USDB1,	3535 Gen	ieral i	Atomic	cs Court	t					
City	San Diego					tate C			92121		Count		J.S.A.
Additional i	inventors are being na	amed on the_	4 supp	lemental A	dditic	onal Inv	entors(s)	sheet(:	s) PTO/SB	/02A at	ttached he	ereto.	

ADDITIONAL INVENTOR(S) Supplemental Sheet

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teven Patrick					100	ovek ————		<u>·</u>	Γ		·			
nventor's Signature									Date			1		
Residence:	Del M			CA		Countr				Ci	tizenshi	p U	S 	
Mailing Address	N	Merck & Co., Inc., MRL	SDB1, 3	535 Gener	1		T	Τ					U.S.A	
City	s	an Diego		State	CA		<u> </u>	9212			Coun		L	•
		nt Inventor, if any:			L	A pet	ition				his unsig			or —————
Give	n Nan	ne (first and middle [if	fany])		TV	Family Name or Surname Kamenecka								
Theodore					K	ameneck			1	\neg				
Inventor's Signature							_T		Date					
Residence: City	San I	Diego	CA		Country US Citizenship US									
Mailing Address]	Merck & Co., Inc., MRI	SDB1, 3	3535 Gene	ral.						-1 -		1	
City	!	San Diego		State	CA	A ZIP 92121 Country A petition has been filed for this unsigned in								
		int Inventor, if any:			_[_	A pe	tition				this unsig e or Sur			or
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Jeffrey Roger					Roppe									
Inventor's Signature									Date	e				
Residence: City	Tem	ecula	State	CA		Count	ry	IS		C	itizensh	ip	JS ———	
Mailing Address		Merck & Co., Inc., MR	LSDB1,	3535 Gen	eral	Atomics	Cou	t						
City		San Diego			St	tate CA		ZIP	92121		Cou	ntry	U.S	S.A.
Name of Addition	onal J	oint Inventor, if any:				Ap	etition				this unsi	_		tor
Giv	en Na	ame (first and middle [if any])						Family	Nan	ne or Su	man	ne	
Thomas Jonathan	n					Seiders								
Inventor's Signature									Dat	e		- 1		
Residence: City	San	Diego	State	СА		Coun	try	JS ———			Citizens	hip	US	
Mailing Address		Merck & Co., Inc., MF	LSDB1,	, 3535 Ger	тега	1 Atomic	s Cou	rt						<u> </u>
City	San Diego State CA ZIP 92121 Country U.S.A.													

[Page 3 of 5]

ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Additio	Name of Additional Joint Inventor, if any: Given Name (first and middle [if any])								tion h	as be	en filed	for this	unsigne	ed in	ventor
Give	n N	ame (first an	d middle [i	f any])						Fa	mily N	ame or	Surna	me	
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Inventor's Signature		m	Jeure	>							Date	05	1 Ap	Ĺ	Wr
Residence: City	San	Diego	1	State	CA		Co	untry	us			Citiz	enship	FR	
Mailing Address		Merck & Co	., Inc., MRI	LSDB1,	3535	Genera	l Ato	mics C	ourt						
City		San Diego	N. 1. 2. 2			s	tate	CA		ZIP	92121		Cour	itry	U.S.A.
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Give	n N	ame (first an	d middle [i	f any])						Fa	mily N	ame or	Surna	me	
Matthew P.							Braun								
Inventor's Signature		•					Date								
Residence: City	Scotch Plains State NJ						Country US Citizenship US								
Mailing Address	Merck & Co., Inc. P.O. Box 2000														
City		Rahway				Stat	e N.	J	Z	IP 0	7065-09	07	Coun	try	U.S.A.
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	n Na	me (first and	d middle [i	f any])						Fa	mily Na	ame or	Sumar	ne	
Dennis C.							Dean .								
Inventor's Signature											Date				
Residence: City	Сгаг	nford		State	NJ		Con	untry	us			Citize	nship	us	·.
Mailing Address		Merck & Co.	, Inc. P.O. I	3ox 200	0										
City		Rahway				Stat	e NJ		ZIP	0706	5-0907		Counti	ry [J.S.A.
Name of Addition	al J	oint Inventor	, if any:					A petiti	on ha	s bee	n filed fo	or this u	nsigne	d inv	entor
Give	n Na	me (first and	l middle [if	any])						Fai	nily Na	me or	Surnan	ne	
Joseph Paul						:	Simeo	ne							
Inventor's Signature											Date				
Residence: City	Harrington Park State NJ						Cou	ıntry	US			Citize	nship	US	
Mailing Address		Merck & Co.,	Inc. P.O. E	3ox 2000)						.		•		
City	Rahway						NJ		ZIP	0706	5-0907		Coun	try	U.S.A.

DECLARATION AND POWER OF ATTORNEY PATENT APPLICATION (37 CFR 1.63)

FOR UTILITY OR DESIGN Declaration Declaration Submitted Submitted after Initial

Attorney Docket Number	MS0013Y
First Named Inventor	Nicholas David Peter Cosford, et al.
CO	MPLETE IF KNOWN
Application Number	
Filing Date	
Group Art Unit	
Examiner Name	

with Initial OR Filing	Filing (surcharge (37 CFR 1.16 (e))	Group Art Unit		
	required)	Examiner Name		
As a below named invento	or, I hereby declare tha	at:		
My residence, mailing addr	ess, and citizenship are	as stated below next to my name	ne.	
I believe I am the original, names are listed below) of t	first and sole inventor (i he subject matter which	f only one name is listed below is claimed and for which a pate) or an original, first and joint invertent is sought on the invention entitle	ntor (if plural ed:
ALKYNE DERIV	ATIVES AS TRACEI	RS FOR METABOTROPIC	GLUTAMATE RECEPTOR BIN	DING
the specification of which		(Title of the Invention)		
bears the Attorney Doo	cket Number and Title o	of the Invention noted above		
OR is attached hereto		·		
OR was filed on (MM/DD)	YYYY) 10/24/2003	as United States App	plication Number or PCT Internation	nal
Application Number PCT	/US03/33613 and w	vas amended on (MM/DD/YYY		olicable).
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Lacknowledge the duty to d	isclose to the Patent and	Trademark Office all informat	ion known to me to be material to p	ontontahilita
as defined in 37 CFR 1.56, i	ncluding for continuation	on-in-part applications, material	information which became availab	le between
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Prior Foreign Application		Foreign Filing Date		Priority Claimed?
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I hereby claim the benefit under	35 U.S.C. 119(e) of any U	nited States provisional application	(s) listed below.	
Application Num	ber(s)	Filing Date (MM/DD/YYYY)	Attorney Docket N	umber
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DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

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Name	David Rut	bin												
Address	Merck & (Co., Inc	- Patent Dep	partment										
Address	P.O. Box 2	2000, R	Y60-30											
City	Rahway					St	ate	NJ		ZIP		07065-09	907	
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Additional	inventors ar	re being na	amed on the_	3 supj	olemental A	dditic	onal Inv	entors(s)) sheet(s) PTO/SB	/02A a	ittached he	reto.	

ADDITIONAL INVENTOR(S) Supplemental Sheet

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	iven	∈∫ifan	yl)			Family Name or Surname										
Steven Patrick							Govek Surname of Surname									
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Residence: City	D	el Mar	Sta	ate	CA		Coun	try	US	L		Cit	izenship	υ	s	
Mailing Address Merck & Co., Inc., MRLS					3535 G	enera	l Atomic	s Co	ourt					<u> </u>		
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		Joint Inventor, if any:					Ар	etiti	on ha	s been	filed	for thi	s unsigne	d ir	ventor	
	ven 1	Name (first and middle	∫if any	<u>(l)</u>						Fam	ily N	lame o	or Surnar	ne		
Theodore							Kameneo	ka								
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Residence: City	Sa	n Diego	State CA				Count	ry	US			Citiz	Citizenship US			
Mailing Address		Merck & Co., Inc., MR	LSDB	1, 35	35 Ge	neral	Atomics	Cou	ırt	 -		<u> </u>				
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effrey Roger						R	Roppe						<u> </u>			
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ADDITIONAL INVENTOR(S) Supplemental Sheet

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Celine					Bonnefous										
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Joseph Paul				Sin	neone										
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ADDITIONAL INVENTOR(S) Supplemental Sheet

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Inventor's Signature									Date									
Residence: Lansdale			State	PA		Country US			Citizenship US									
Mailing Address Merck Research Laborator				mn	eytown]	Pike, P.O. B	ox 4	4			1	-	T					
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Donald					, -	Burns												
Inventor's Signature		Donald B	un	_					Date	8-Ap2005								
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Examiners Name: Mr. Winston Alvarado

Examiner's fax number: (571) 270-9878

Group number:

THIS MESSAGE IS FROM:

Name: David Rubin

Phone No.: (732) 594-2675

Mail Location: RY60-30

Fax No.: (732) 594-1540

RE: Applicants: Cosford. et al.

Case No.: MS0013YP

Serial No.: 10/532,634 Filed: 24 October 2003

Title: ALKYNE DERIVATIVES AS TRACERS FOR METABOTROPIC

GLUTAMATE RECEPTOR BINDING

NUMBER OF PAGES BEING TRANSMITTED (INCLUDING COVER):

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Dear Mr. Alvarado, As we discussed yesterday, attached are the declarations for all eleven inventors in the referenced application. I am currently working with the PCT in Geneva to figure out the IB306 situation. If you could hold off a few days before taking any further action I would appreciate it.

David Rubin

CERTIFICATION OF FACSIMILE TRANSMISSION

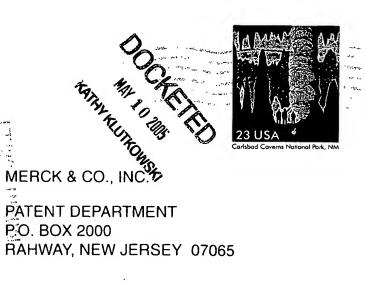
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م)	CASE NUMBER	DATE	ATTORNEY	EXPRESS MAIL]						
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Ì	Vicholas D.P. Cosfor	rd, Steven Patrick G	ovek, Theodore Kan	nenecka, Jeffrey Roger							
Roppe, Thomas Jonathan Seiders, Celine Bonnefous, Matthew P. Braun, Dennis C. Dean, Joseph Paul Simeone, Terrence Gerard Hamill, Donald Burns											
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Merck & Co., Inc.
PO. Box 2000
Rahway NJ 07065

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